

REVISED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 December 2000 (28.12.2000)

PCT

(10) International Publication Number
WO 00/78956 A1

(51) International Patent Classification²: C12N 15/12,
15/63, 15/82, C07K 7/00, 9/00

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(21) International Application Number: PCT/US00/16989

(81) Designated States (*national*): AU, CA, JP, US.

(22) International Filing Date: 21 June 2000 (21.06.2000)

(25) Filing Language: English

(84) Designated States (*regional*): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE).

(26) Publication Language: English

(30) Priority Data:
60/140,606 23 June 1999 (23.06.1999) US
60/154,135 15 September 1999 (15.09.1999) US

Published:
— With international search report.

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(88) Date of publication of the revised international search
report: 25 May 2001

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(15) Information about Correction:
see PCT Gazette No. 21/2001 of 25 May 2001, Section II

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: NOVEL PYRRHOCORICIN-DERIVED PEPTIDES, AND METHODS OF USE THEREOF

(57) Abstract: Modifications of the peptide pyrrolicorcin permit the production of a variety of anti-bacterial or anti-fungal pep-
tides having general formula R¹-Asp-Lys-Gly-X-Y-Leu-Pro-Arg-Pro-Thr-Pro-Ile-Tyr-X'-Y'-R²[SEQ ID NO:1] or mul-
timeric compositions containing more than a single peptide of that formula. These peptides may be straight chain or cyclic peptides,
and may contain one or more non-cleavable bonds. These peptides are characterized by anti-bacterial or anti-fungal activity and
metabolic stability in mammalian serum. These peptides are useful in anti-bacterial or anti-fungal pharmaceutical compositions and
for further drug development or identification of other antibiotic or anti-fungal compounds.

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